

ABSTRACT OF THE DISCLOSURE

A computer-implemented data mining system that analyzes data using Gaussian Mixture Models. The data is accessed from a database, and then an Expectation-Maximization (EM) algorithm is performed in the computer-implemented data mining system to create the Gaussian Mixture Model for the accessed data. The EM algorithm generates an output that describes clustering in the data by computing a mixture of probability distributions fitted to the accessed data.

“Express Mail” mailing label number EL54075047945
Date of Deposit December 18, 2000
I hereby certify that this paper or fee is being deposited with the United States Postal Service “Express Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231.
ISABELL OGATA
(printed name)
Isabell Ogata
(Signature)